

# 104-1012 Antenna 12dBi Outdoor

Ver: 1. Feb 1, 2024



## Product description

This very compact panel antenna provides 12 dBi gain with very broad coverage. It is suitable for both indoor and outdoor applications. This antenna is lightweight and features an aesthetic UV-stable, white ABS radome which can also be painted to match the room or building structure.

This antenna can be installed for horizontal or vertical polarization.

Designed for all weather operation, 104-1012 features drain holes in the radome to help prevent moisture build-up inside the antenna.

The antenna is supplied with a 30 degree tilt and swivel mast mount kit. This allows the antenna to be positioned for optimal performance. It can be adjusted up or down from 0° to 30°.

104-1012 can be mounted to a 1" (25.4 mm) to 1.7" (43.2 mm) diameter masts.



## Electrical specifications

Frequency	2400 – 2500 MHz
Gain	12 dBi
Polarization	Vertical or Horizontal
Vertical beam width	53°
Horizontal beam width	54°
Maximum input power	200 W
Impedance	50 Ohms
VSWR	1.5:1
Lightning protection	DC Ground

## Mechanical specifications

Connector	N female
Mounting mast size (dia.)	25.4 to 43.2 mm (1.0 to 1.7 in.)
Vertical tilt	0 – 30°
Radome material	UV inhibited ABS
Operating temperature	-40° to 55° C (-40° to 131° F)
Dimensions	102 x 102 x 102 mm (4.0 x 4.0 x 4.0 in.)
Weight (antenna only)	270 g (0.6 lbs.)
Weight (incl. mount)	450 g (1.0 lbs.)
Rated wind velocity	65 m/s (150 mph)
RoHS compliant	Yes

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## RF antenna pattern

